User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 12:31:42

Sample: AE04803
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 12:31 Ended: 4/5/02 12:31 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AE04803 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 12:34:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for the compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4803.D Vial: 18
Acq On : 29 Mar 2002 1:24 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:23 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	384416	20.00 ug/l	-0.10
10) Naphthalene-d8	15.88	136	1416682	20.00 ug/l	-0.11
17) Acenaphthene-d10	21.19	164	794885	20.00 ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1128525	20.00 ug/l	-0.13
38) Chrysene-d12	33.69	240	565212	20.00 ug/l	-0.15
44) Perylene-d12	37.93	264	308138	20.00 ug/l	-0.19
System Monitoring Compounds					
37) 2,4-DDD	30.71	235	78711	~~6.95~~ 4.26 ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~139.00%~~ 85 %	
Target Compounds					Qvalue
2) N-nitroso-dimethyl amine	5.44	74	139	N.D.	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	0.00	77	0	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.94	128	208	N.D.	
16) Hexachlorobutadiene	0.00	225	0	N.D.	
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
19) 2-Chloronaphthalene	0.00	162	0	N.D.	
20) Dimethylphthalate	0.00	163	0	N.D.	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
25) Diethylphthalate	22.68	149	782	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

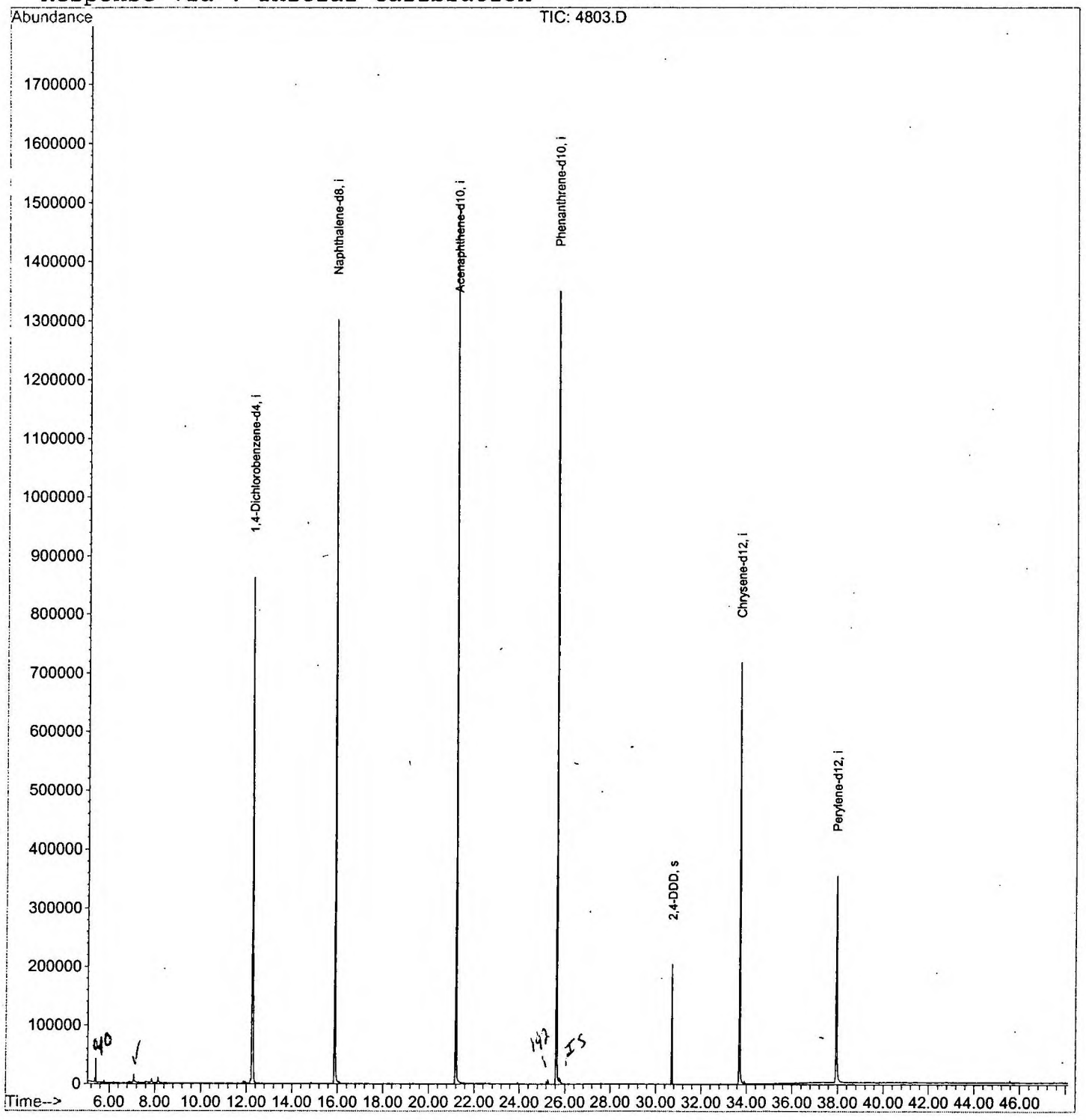
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	144	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.60	149	2499	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.12	149	330	N.D.	
41)	Benzo(a)anthracene	33.69	228	2343	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	2514	N.D.	
43)	Chrysene	33.77	228	1377	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	638	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	2020	N.D.	
48)	Benzo(a)pyrene	37.74	252	414	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4803.D Vial: 18
Acq On : 29 Mar 2002 1:24 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 15:23 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4803.D Vial: 18
Acq On : 29 Mar 2002 1:24 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

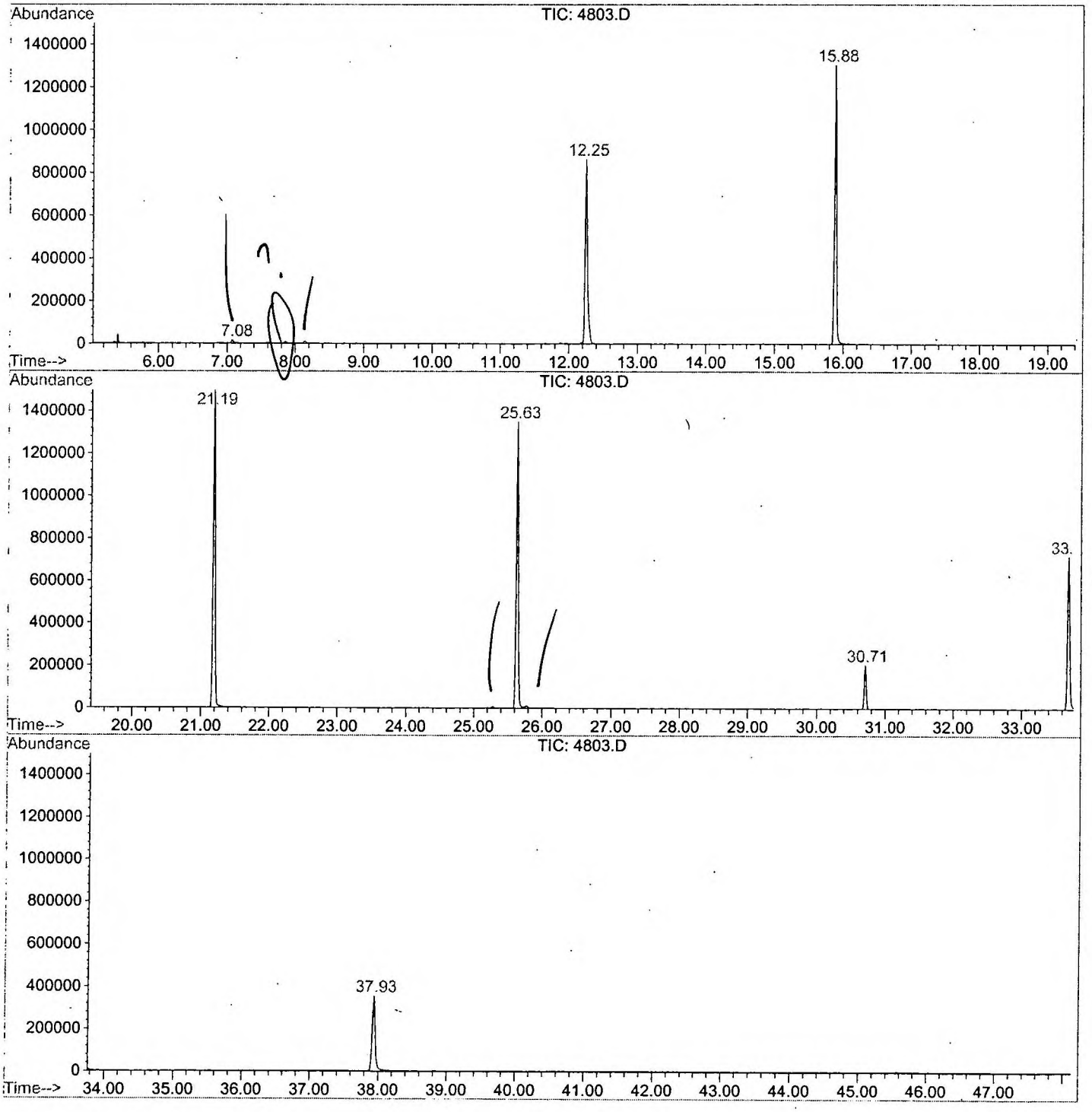
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.080	217	222	229	rBV	13877	30777	1.01%	0.224%
2	12.248	780	785	802	rVB	862623	2093307	68.96%	15.227%
3	15.883	1175	1181	1199	rBV	1301900	2673520	88.07%	19.447%
4	21.190	1753	1759	1773	rBV	1496747	3035693	100.00%	22.082%
5	25.633	2237	2243	2255	rBV2	1350104	2829133	93.20%	20.579%
6	30.710	2791	2796	2804	rVB	205802	390786	12.87%	2.843%
7	33.693	3114	3121	3134	rBV2	719902	1627230	53.60%	11.836%
8	37.935	3576	3583	3605	rBV2	353536	1067200	35.16%	7.763%

Sum of corrected areas: 13747646

4803.D GCMS0308.M Mon Apr 01 15:47:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4803.D
Operator :
Acquired : 29 Mar 2002 1:24 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 18
Quant File :GCMS0308.RES (RTE Integrator)



4803.D GCMS0308.M Mon Apr 01 15:47:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4803.D Vial: 18
Acq On : 29 Mar 2002 1:24 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

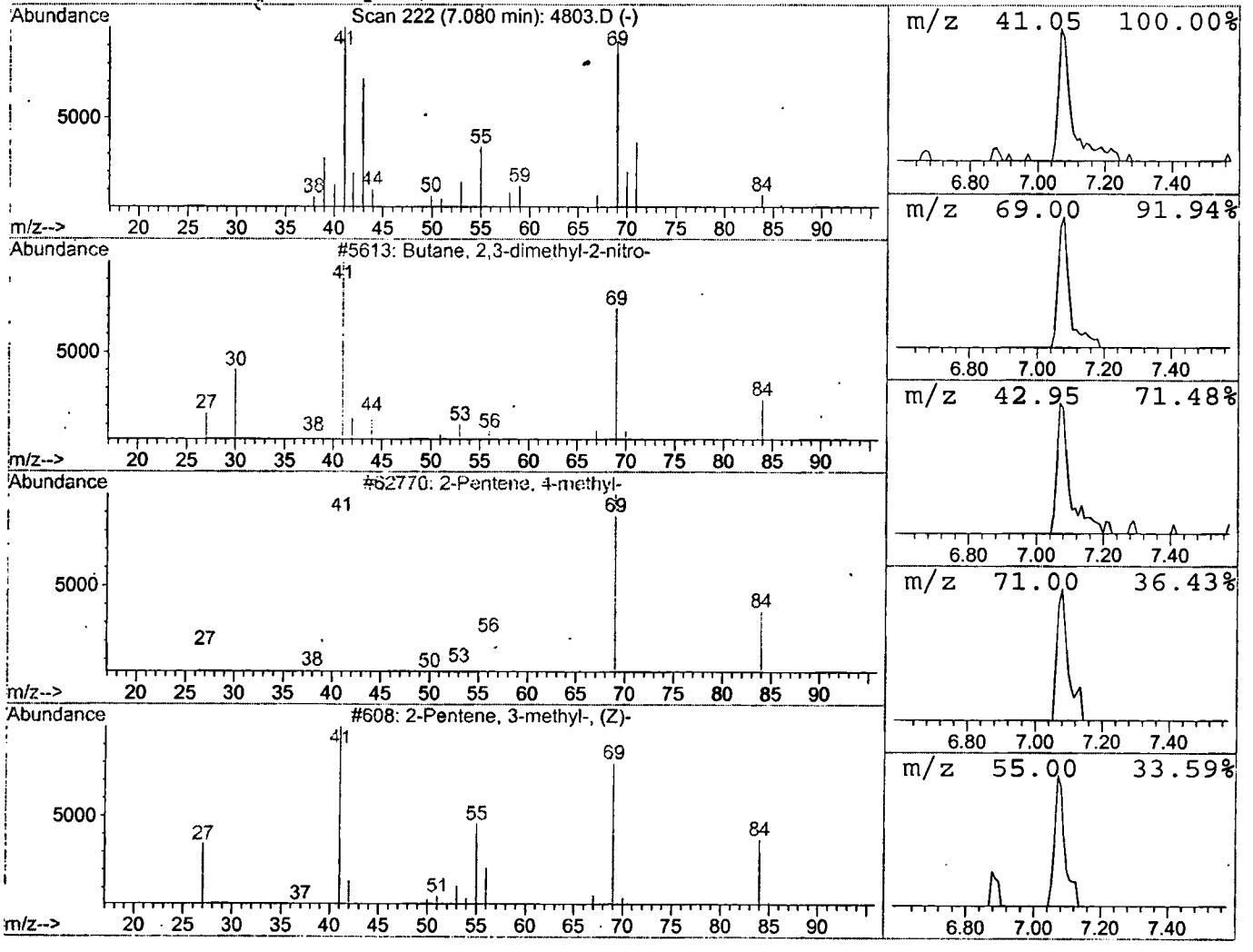
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2,3-dimethyl-2-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	0.29 ug/l	30777	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	40
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	40
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	40
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Mar 2002 1:24 am
Data File: C:\HPCHEM\1\DATA\MAR2802\4803.D
Name: gc/ms scan 3/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Butane, 2,3-dimethyl	7.08	0.3	ug/l	30777	ISTD01	12.25	2093310	20.0

4803.D GCMS0308.M Mon Apr 01 15:47:37 2002